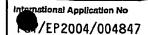
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATI	ON OF	SUBJECT	MATTER
TPC 7 HO	14R1	20	

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC $\frac{7}{100}$ H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

ENTS CONSIDERED TO BE RELEVANT	
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 5 625 180 A (HANSON GEORGE E ET AL) 29 April 1997 (1997-04-29) column 1, line 54 - column 2, line 67; figure 1	1
US 5 410 326 A (GOLDSTEIN STEVEN W) 25 April 1995 (1995-04-25) column 3, line 14 - column 5, line 42; figure 1	1
US 5 052 943 A (DAVIS PATRICK H) 1 October 1991 (1991-10-01) column 1, line 30 - column 2, line 20; figure 1	1
US 6 084 381 A (KAJIURA KATSUYUKI) 4 July 2000 (2000-07-04) column 2, line 1 - line 30; figures 2,3	2
	US 5 625 180 A (HANSON GEORGE E ET AL) 29 April 1997 (1997-04-29) column 1, line 54 - column 2, line 67; figure 1 US 5 410 326 A (GOLDSTEIN STEVEN W) 25 April 1995 (1995-04-25) column 3, line 14 - column 5, line 42; figure 1 US 5 052 943 A (DAVIS PATRICK H) 1 October 1991 (1991-10-01) column 1, line 30 - column 2, line 20; figure 1 US 6 084 381 A (KAJIURA KATSUYUKI) 4 July 2000 (2000-07-04) column 2, line 1 - line 30; figures 2,3

<u> </u>	
Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the International filing date but later than the priority date claimed	'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Date of mailing of the International search report 05/11/2004 Authorized officer Bischof, J-L

INTERNATIONAL SEARCH REPORT

International Application No
International Application No /EP2004/004847

(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
egory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	DE 44 42 224 A (FRANKE RICHARD; WOLF ULRICH (DE)) 30 May 1996 (1996-05-30) column 3, line 44 - line 57	. 3
		:
		·
•		
	•	
	,	
	·	
	· *	
	•	

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

BEST AVAILABLE COP

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No	
International Application No EP2004/004847	

					2004/00464/
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5625180 A	A	29-04-1997	US	5517434 A	14-05-1996
			US	5521370 A	28-05-1996
			US	6375344 B1	23-04-2002
		•	US	5888087 A	30-03-1999
			CA	1340450 C	16-03-1999
			US	5872354 A	16-02-1999
	•		US	5834753 A	10-11-1998
			US	5790536 A	04-08-1998
			US	5726984 A	10-03-1998
•			US	5949056 A	07-09-1999
			, US	5914481 A	. 22-06-1999
			CA	1340400 C	16-02-1999
			ยร	5289378 A	22-02-1994
			US	5331580 A	19-07-1994
			US	5672860 A	30-09-1997
			US	5625555 A	29-04-1997
			US	5747785 A	05-05-1998
			US	5694318 A	02-12-1997
		•	US	5195183 A	16-03-1993
			US	5371858 A *	06-12-1994
			US	5465207 A	07-11-1995
		•	US	5457629 A	10-10-1995
			US	5928292 A	27-07-1999
		· 	US	5895431 A	20-04-1999
US 5410326	Α	25-04-1995	NONE		
US 5052943	A	01-10-1991	CA	1340450 C	16-03-1999
US 6084381 A	A	04-07-2000	JP	3459556 B2	20-10-2003
			JP	11206029 A	30-07-1999
DE 4442224	A	30-05-1996	DE	4442224 A1	30-05-1996